

77 /Zell-EP+CR	Zellkautschuk-EPDM + CR	Stand: 07.2016
Shorehärte 00 ASTM D 2240	30 - 50 ± 5 Shore	
Farbe:	Schwarz	
Zellart :	Geschlossenzellig	
Spezifisches Gewicht ISO 845-88:	130 ± 20 kg/m ³	
Temperaturbereich:	-40 bis + 110° C kurzzeitige Spitzentemperatur + 115 ° C	
Druckfestigkeit: ASTM D 1056-07	25% 40 kPa 50% 20 - 50 kPa	
Bruchdehnung ISO 1798	165 %	
Druckverformungsrest ASTM D 1056-07	22 h 50 % 23°C = 14 % (< 25%) 22h 50% 40° C = 42 %	
Wasseraufnahme ASTM D 1056 – 07	< 10 %	
Zugfestigkeit ISO 1798	478 kPa	
Brandverhalten UL 94	HBF ab 5 mm E486812	
Öl Beständigkeit:	Bedingt	
Benzin beständigkeit	Nicht beständig	
Laugen und Säure:	Bedingt	
Ozon beständigkeit:	sehr gut	

English: **Technical Data sheet** cellular rubber EPDM + CR black

77/Zell-EPDM Cellular rubber EPDM, thickness 1 mm to 50 mm

date: 07.2016

shore hardness 00 ASTM d 2240:	30 - 50 ± 5 °
color:	Black
cell structure:	closed celled
Density ISO 845:	130 ± 20 kg/m ³
temperature range:	-40 bis + 110° C short term + 115 ° C
Compression deflection (ASTM D 1056-07)	25% 40 kPa 50% 20 - 50 kPa
compression set value (ASTM D 1056-7):	22 h 50 % 23°C = 14 % (< 25%) 22h 50% 40° C = 42 %
vacuum water absorption ASTM D 1056-07:	< 10%
Ultimate Elongation ISO 1798:	165 %
Flame rating Value UL94	HBF from 5 mm E486812
oil resistance:	Conditional
petrol resistance:	not recommended
acid resistance:	conditional
base resistance:	conditional
UV resistance:	excellent

*** Average dates**

The stated values are based on a limited number of tests on standard test pieces from laboratory production. The data determined on finished parts can deviate from the above values depending on the part geometry. Standard references correspond to the version of the data sheet of our raw material supplier. It is the responsibility of the purchaser to check himself before using the product whether it is also suitable for the intended use in terms of possible application-related influences. Our recommendations are made to the best of our knowledge.

RESOGOO GmbH & Co KG
 Rolandskoppel 17, D-24784 Westerrönfeld
 Tel: (04331) 43818-0
 Fax: (04331) 43818-28

Mail: post@resogoo.com, www.resogoo.com